

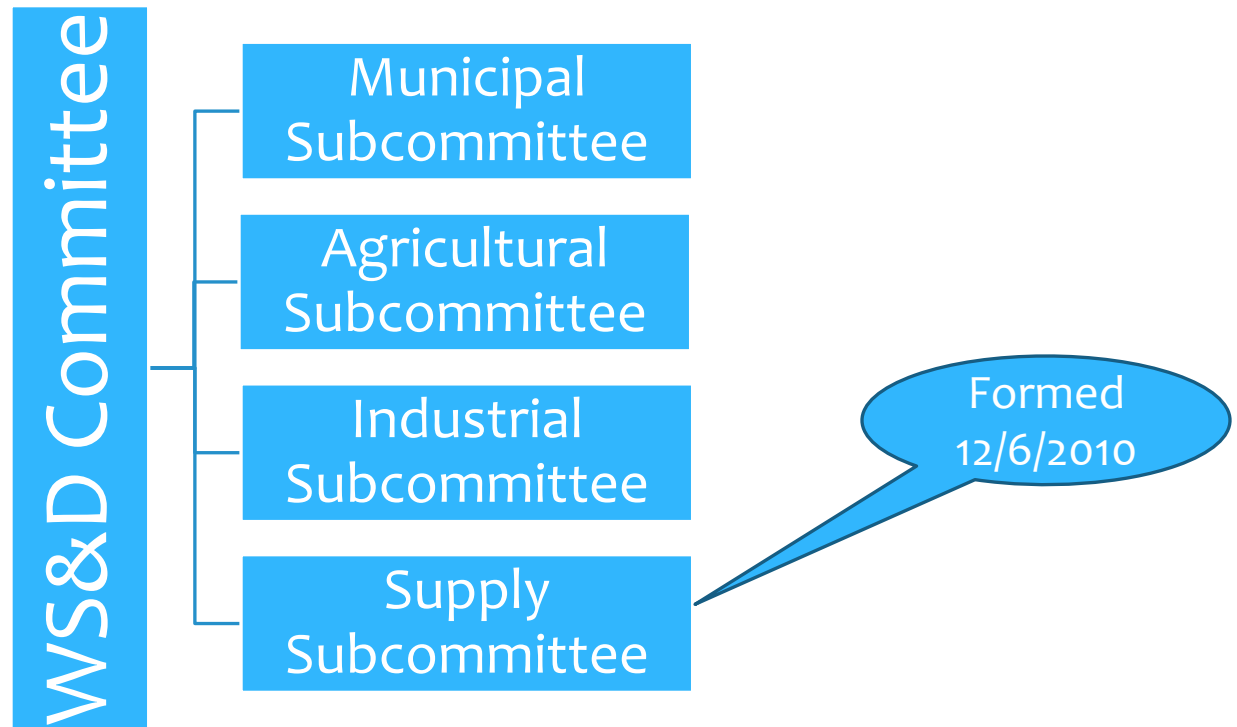
# Water Supply & Demand Committee

WRDC Update 12/10/2010

Co-Chairs: Leslie Meyers (USBOR) & Ron Doba (NAMWUA)

Staff Liaison: Rich Burtell (ADWR)











































# WS&D Committee Organization



# Schedule

















ID	Task Mode	Task Name	October			November			December			January			February			March	
			B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M
0		WRDC Schedule																	
1		1. Compile projected water needs																	
2		1.1 Develop population forecasting methodologies																	
3		1.1.1 Prepare population forecasts																	
4		1.1.2 Develop population scenarios																	
5		1.1.3 Test the forecasts																	
6		1.1.4 Develop population projections																	
7		1.1.5 Prepare summary of findings																	
8		WS&D mtg																	
9		WS&D mtg																	
10		1.2 Develop water demand assumptions																	
11		Muni mtg																	
12		Muni mtg																	
13		1.2.1 Prepare municipal demand projections																	
14		Ind mtg																	
15		Ind mtg																	
16		Ind mtg																	
17		1.2.2 Prepare industrial demand projections																	

# Schedule (cont.)

ID		Task Mode	Task Name	October			November			December			January			February			March			
				B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M		
18			Ag mtg	 11/19																		
19			Ag mtg							 12/13												
20			1.2.3 Prepare agricultural demand projections	 WS/D Ag																		
21			1.2.4 Prepare summary of findings	 WS/D																		
22			1.3 Evaluate environmental considerations																			
23			1.3.1 Identify current environmental resources	 Env																		
24			1.3.2 Identify necessary supporting conditions	 Env																		
25			1.3.3 Prepare summary of findings	 Env																		
26		 	2. Quantify available water supplies																			
27			2.1 Use AZ Water Atlas																			
28			2.1.1 Develop approach to display county data	 Supply																		
29			2.2 Identify drought/climate change factors	 Supply																		
30			2.3 Incorporate BRP findings	 Supply																		
31			2.4 Prepare summary of findings	 Supply																		

Page 2

# Schedule (cont.)

ID	Task Mode	Task Name	October			November			December			January			February			March	
			B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M
32		3. Identify unmet demand																	
33		3.1 Compare forecasted demand to baseline supply																	
34		3.1.1 Identify available supplies																	Env,WS/D
35		3.1.2 Identify current/future gaps																	Env,WS/D
36		3.1.3 Identify unmet demands																	Env,WS/D
37		3.2 Prepare summary of findings																	Env,WS/D
38		4. Identify potential water supplies																	
39		4.1 Identify strategies																	
40		4.2 Identify basins that may import water																	
41		4.3 Identify potential water outside regions																	
42		4.4 Prepare summary of findings																	
43		5. Identify legal/technical issues																	
44		5.1 Identify issues accessing water within basins																	
45		5.2 Identify issues accessing water outside basins																	
46		5.3 Identify issues importing into region																	
47		5.4 Prepare summary of findings																	

# Municipal Subcommittee

- \* Comparing demand data in AZ Water Atlas to population to come up with GPCDs that can be used for projected demand
- \* Trying to do a “prototype” model run on the Prescott AMA with the Central Arizona Water Demand Model (Peter Culp/Don Gross presented 12/6)
- \* Atlas data provided to Inter Tribal Council and Navajo Nation for feedback
- \* Estimate 10-15% task completion

# Problems with Atlas/population data

	2005 Total Demand	2005 Atlas Pop	GPCD
Agua Fria	1800	10389	155
Aravaipa Canyon	300	140	1913
Big Sandy	300	1423	188
Bill Williams	1250	5482	204
Bonita Creek	3300	23	128089
Butler Valley	300	15	17855
Cienega Creek	600	4880	110
Coconino Plateau	1173	11525	91
Detrital Valley	600	2142	250
Donnelly Wash	300	185	1448

# Agricultural Subcommittee

- \* Currently obtaining new crop acreage numbers, ADWR is working with the USGS to obtain additional data to what has been previously given to the subcommittee
- \* The Ag Subcommittee will be including dairies and feedlots in their projection (determined to be more appropriate). Projections will then go back to the Industrial Subcommittee to be included in their report



# Industrial Subcommittee

- \* Going well, reaching out to industrial sectors
  - \* APS and other power generators
  - \* Solar developers
  - \* Mining (includes sand and & gravel industry)
  - \* Golf courses
- \* Dairies and feedlots will be reviewed by the Agriculture Subcommittee

# Supply Subcommittee

- \* Extending schedule to end of February  
(subcommittee recently formed, Tim Skarupa (SRP) Chairing)
- \* ADWR assisting with methodology... meeting next week

